

## SCANNED IMAGE ALIGNMENT SYSTEMS AND METHODS

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### ABSTRACT

Systems and methods for aligning scanned images are provided. A pattern is included in the scanned image so that when the image is convolved with a filter, a recognizable pattern is generated in the convolved image. The scanned image may then  
10 be aligned according to the position of the recognizable pattern in the convolved image. The filter may also act to remove the portions of the scanned image that do not correspond to the pattern in the scanned image.